

Engina mirabilis (Gastropoda: Buccinidae), a new species from Marquesas Archipelago

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ABSTRACT. *Engina mirabilis* sp. nov. is described from Marquesas Archipelago and compared to *E. spica* Melvill & Standen, 1895. In addition, a specimen of *E. albocincta* is recorded from Marquesas Archipelago.

INTRODUCTION

The Marquesas Islands, the northernmost archipelago in French Polynesia, harbours a diverse and endemic marine mollusc fauna. Tröndlé & von Cosel (2005) reported 391 species including about 29 endemic species. However, additional new and endemic species are expected from material collected by MUSORTSOM 9 cruise carried out in 1997. In the present paper a new *Engina* species is described and *Engina albocincta* (Pease, 1860) is recorded from the Marquesas Islands.

The new species is compared to *Engina spica* from Indo-West Pacific and added to the fauna of the Marquesas Islands as *E. mirabilis* sp. nov.

Abbreviations

Depositories

KF: collection Koen Fraussen, Belgium.

MNHN: Muséum national d'Histoire naturelle, Paris, France.

PS: collection Peter Stahlschmidt, Germany.

RH: collection Raymond Huet, France.

Other abbreviations

ju: juvenile(s).

dd: empty shell(s).

lv: collected alive.

SYSTEMATICS

Family **BUCCINIDAE** Rafinesque, 1815

Subfamily **Pisaniinae** Gray, 1857

Genus *Engina* Gray, 1839

Engina Gray, 1839: 112-113. Type species *Engina zonata* Gray, 1839 (subsequently designated by Gray,

1847) = *Engina turbinella* Kiener, 1836. A species known from the tropical West Atlantic.

Engina mirabilis sp. nov.

Figs 1-6

Type material. Holotype, 9.6 mm, Pacific, Marquesas Islands, Nuku-Hiva Island, MUSORSTOM 9, stn DW1170, 8°45'S, 140°13'W, 104-109 m, MNHN IM-2000-27787.

Paratype 1, 7.0 mm, same locality, MNHN IM-2000-27788,

Paratype 2, 9.6 mm, Eiao Island, MUSORSTOM 9, stn DW1154, 7°58'S, 140°44'W, 102 m, MNHN IM-2000-27789,

Paratype 3, 9.5 mm, Ua-Huka island, MUSORSTOM 9, stn DR1292, 8°54'S, 139°38'W, 95-100 m, KF-7336.

Paratype 4, 7.0 mm, Hiva-Oa Island, MUSORSTOM 9, stn DW1200, 9°41'S, 139°09'W, 95-100 m, PS.

Paratype 5, 7.4 mm, Nuku-Hiva Island, MUSORSTOM 9, stn CP1177, 8°45'S, 140°15'W, 108-112 m, MNHN IM-2000-27790.

Type locality. Polynesia, Marquesas Islands, Nuku-Hiva Island, MUSORSTOM 9, stn DW1170, 8°45'S, 140°13'W, 104-109 m.

Material examined. Marquesas Archipelago: MUSORSTOM 9, stn DW1154, 7°58'S, 140°44'W, 102 m, 3 dd; stn DW1170, 8°45'S, 140°13'W, 104-109 m, 3 dd; stn CP1177, 8°45'S, 140°15'W, 108-112 m, 4 dd (1 ju); stn DW1200, 9°41'S, 139°09'W, 95-100 m, 4 dd (1 ju); stn DW1208, 9°49'S, 139°09'W, 117 m, 2 dd (1 ju); stn DW1224, 9°45'S, 138°51'W, 115-120 m, 3 dd; stn DR1292, 8°54'S, 139°38'W, 95-100 m, 1 dd; stn DR1305, 8°54'S, 140°14'W, 90-155 m, 1 dd, ju.